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TO:	Examiner Trang U. Tran	FAX NO.:	1-703-872-9306
FROM:	Kenneth N. Nigon	ADMIN. ASST.:	Tonya M. Berger
APPLN. NO.:	09/988,924	ATTY. DOCKET NO.:	MATP-612US
TITLE OF APPLN.: METHOD OF LOW LATENCY INTERLACE TO PROGRESSIVE VIDEO FORMAT CONVERSION			
FILING DATE:	November 19, 2001	ART UNIT:	2614
FIRST INVENTOR:	Christopher J. Orlick et al.	CONF. NO.:	9367
TITLE OF DOCUMENT (and List of Attachments): Transmittal and Response to Restriction Requirement			

Total Number of Pages: 4 (including this form)**COMMENTS****CONFIDENTIAL AND PRIVILEGED ATTORNEY/CLIENT INFORMATION**

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PTO/SB/21 (04-04) (AW 08/2004)

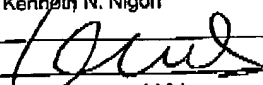
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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/888,924
	Filing Date	November 19, 2001
	First Named Inventor	Christopher J. Orlick et al.
	Art Unit	2614
	Examiner Name	Trang U. Tran
Total Number of Pages in This Submission 3	Attorney Docket No.	MATP-812US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Response to Restriction Requirement
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SIGNATURE OF APPLICANT, ATTORNEY OR AGENT			
Firm or Individual Name	Kenneth N. Nigon	Registration No. (Attorney/Agent)	31,549
Signature			
Date	September 27, 2004		

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Appln. No.: 09/988,924
Amendment Dated September 27, 2004
Reply to Office Action of August 25, 2004

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEP 27 2004

Appln. No: 09/988,924
Applicant: Christopher J. Orlick et al.
Filed: November 19, 2001
Title: METHOD OF LOW LATENCY INTERLACE TO PROGRESSIVE VIDEO
FORMAT CONVERSION
TC/A.U.: 2614
Examiner: Trang U. Tran
Confirmation No.: 9367
Docket No.: MATP-612US

RESPONSE TO RESTRICTION REQUIREMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

S I R :

This is in response to the Restriction Requirement stated in the Office
Action dated **August 25, 2004**.

The Examiner requires that claims of either Group I or Group II be
elected for prosecution. Applicants elect to prosecute Group I. This election is made
with traverse.

In the Office Action, it is asserted that the claims in Groups I and II
are related as subcombinations disclosed as usable together in a single combination.
Furthermore, it is asserted that "invention I has separate utility such as converting
an interlace scan video image to a progressive scan video image and does not
require the capabilities of determining a degree of movement in a region of the
target picture element (pixel) position between a last displayed image and a current
image." Applicants respectfully disagree with this assertion. Inventions I and II are
not related as subcombinations but, instead, are claims of varying scope relating to
the same invention.

Contrary to the statement in the Office Action, claim 1 does require, in
step (d) "determining a degree of movement in the region of the target pixel position
between a previously displayed image and the interlace scan image." Claim 1 in
Group I also requires "generating a plurality of potential values for an interpolated
pixel at the target pixel position; and selecting at least one potential value from the
plurality of potential values for the interpolated pixel responsive to the determination

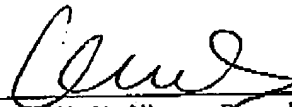
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of whether said target pixel position lies on an edge and the determined degree of movement in the region of the target pixel position." This corresponds to a broader scope of the limitations, "generating an intra-field interpolated pixel value for the target pixel position; generating an inter-field interpolated pixel value for the target pixel position; and combining the intra-field interpolated pixel value and the inter-field interpolated pixel value in a proportion determined by the degree of movement in the region to produce an output interpolated pixel value for the progressive scan video image," recited in claim 13, which is in Group II.

Applicants are encouraged to have claims of varying scope to define the invention. (See MPEP § 608.01(m)). Accordingly, because claim 1, in Group I and Claim 13 in Group II are not subcombinations but, instead are claims of varying scope concerning a single invention, the restriction requirement is improper and Applicants respectfully request that it be withdrawn.

Respectfully submitted,



Kenneth N. Nigon, Reg. No. 31,549
Attorney(s) for Applicant(s)

KNN/tmb

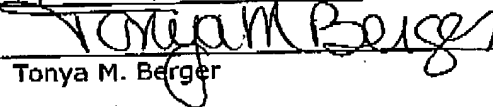
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September 27, 2004


Tonya M. Berger